



DT03 PCT/PTO 06 OCT 2004

612.43989X00  
F0510R-4979/00/JC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jean-Pierre COHEN ADDAD, et al.  
Serial No.: 10/501,524 ✓  
Filed: July 16, 2004  
For: NUCLEAR MAGNETIC RESONANCE METHOD OF  
DETECTING AND MONITORING THE FLOCCULATION  
KINETICS OF HEAVY FRACTIONS OF A COMPLEX FLUID  
Art Unit: To Be Assigned  
Examiner: To Be Assigned

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 6, 2004

Sir:

In the Information Disclosure Statement submitted July 16, 2004, one article was not available. This Supplement Information Disclosure Statement hereby submits the article by K. Norinaga, et al, entitled "Measurement of Self-Diffusion Coefficient of Asphaltene in Pyridine by Pulse Field Gradient Spin-Echo H. NMR". Another copy of the Search Report which cited the article is attached hereto along with the PTO/SB/08A Form listing the article therein.

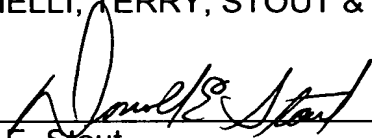
This information disclosure statement is being submitted before the issuance of a first Office Action in the above-identified application..

The requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the documents.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 612.43989X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

  
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Attachments

DES:dlh

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Substitute for form 1449A/PTO  <div style="text-align: center;"><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></div> <div style="text-align: center; font-size: small;">(use as many sheets as necessary)</div>		<div style="text-align: center;"><b>Complete if Known</b></div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/501,524</td> </tr> <tr> <td>Filing Date</td> <td>July 16, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Jean-Pierre COHEN ADDIAD et al</td> </tr> <tr> <td>Art Unit</td> <td>To Be Assigned</td> </tr> <tr> <td>Examiner Name</td> <td>To Be Assigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>612.43989X00</td> </tr> </table>		Application Number	10/501,524	Filing Date	July 16, 2004	First Named Inventor	Jean-Pierre COHEN ADDIAD et al	Art Unit	To Be Assigned	Examiner Name	To Be Assigned	Attorney Docket Number	612.43989X00
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Sheet	1	of	2												

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
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FOREIGN PATENT DOCUMENTS							
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					

Examiner Signature		Date Considered	
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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		<b>Application Number</b>	<b>10/501,524</b>		
		<b>Filing Date</b>	<b>July 16, 2004</b>		
		<b>First Named Inventor</b>	<b>Jean-Pierre COHEN ADDIAD et al</b>		
		<b>Group Art Unit</b>	<b>To Be Assigned</b>		
		<b>Examiner Name</b>	<b>To Be Assigned</b>		
<b>Sheet</b>	<b>2</b>	<b>of</b>	<b>2</b>	<b>Attorney Docket Number</b>	<b>612.43989X00</b>

<b>OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), <small>publisher, city and/or country where published</small>	T <sup>2</sup>
		NORINAGA, K. et al, "Measurement of self-diffusion coefficient of asphaltene in pyridine by pulsed field gradient spin-echo H NMR", ENERGY FUELS; ENERGY AND FUELS SEPTEMBER/OCTOBER 2001, Vol. 15, No. 5, Septembre 2001 (1001-09), pgs. 1317-1318, XP002240691	

<b>Examiner Signature</b>		<b>Date Considered</b>	
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